Index of Claims

| Appl | licatio | n/Cont | rol No. |
|------|---------|--------|---------|
|------|---------|--------|---------|

10/621,848

Examiner

Angela J. Martin

Applicant(s)/Patent under Reexamination

UEDA ET AL.

Art Unit

1745

| √ | Rejected |
|----------|----------|
| = | Allowed |

| 1 | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| - | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | _ | | | | | _ | | _ | |
|-----------------------|--|-----------------|-----|--------------|--|----------------|--------------|--|----------|----------|
| Cla | Date | | | | | | | | | |
| Final | Original | 12 86 | | | | | | | | |
| | 1 | | | | T | | T | ऻ | T | |
| | 1 2 3 | _ | | \vdash | \vdash | t | t | | Ι- | H |
| | 3 | | | T | \top | 1 | T | | \vdash | |
| | 5 | | | 1 | Т | 1 | Ť. | T | Τ | \sqcap |
| | 5 | | | | | | П | 1 | | |
| 1 | 6 | = | | | | | Ī | | | П |
| 2 | 7 | Ĺ | | | | | Т | | | |
| 1 2 3 4 5 | 8 | \coprod | | | | | | | | |
| 4 | 9 | ١ | | | | | | | | |
| 5 | 10 11 12 13 14 15 16 | = | | | | 上 | L | | | |
| | 11 | Ш | _ | _ | $oxed{oxed}$ | L | ┖ | <u> </u> | _ | Ш |
| | 12 | Ш | _ | _ | _ | | | L. | L | Ш |
| | 13 | Ш | | <u> </u> | <u> </u> | ļ | | | | Ш |
| | 14 | | | ļ | L | <u> </u> | <u> </u> | _ | | Щ |
| | 15 | Ц | _ | | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | Щ |
| 6 | 16 | = | | | <u> </u> | _ | _ | _ | | \sqcup |
| 7 | 17 | | _ | _ | _ | ┞ | _ | <u> </u> | <u> </u> | Ш |
| 8 9 | 18 | | | | ┡ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | |
| | 19 | Ш | | L | ┡ | ļ | ┡ | _ | - | Н |
| 10 | 20 | ▝ | | ┡ | ⊢ | _ | | _ | | Ш |
| | 21 | Н | | _ | ⊢ | ┡ | - | _ | ⊢ | Ш |
| | 22 | Н | | H | ⊢ | ├ | <u> </u> | _ | Ͱ | \vdash |
| | 18 19 20 21 22 23 24 25 | | | H | ⊢ | ├ | | | ⊢ | Н |
| | 25 | Н | | - | | ┢ | ⊢ | | - | Н |
| | 26 | Н | | | - | ├─ | - | | | \vdash |
| | 26 27 28 | H | | | - | ├ | \vdash | \vdash | - | Н |
| | 28 | $\vdash \vdash$ | | _ | | ╁ | | \vdash | | |
| - | 29 | | - | | | | - | _ | | |
| | 29 30 | Н | | | - | | | \vdash | \vdash | Н |
| | 31 | | | | \vdash | \vdash | | | ╌ | Н |
| | 32 | \Box | | | - | ┢ | | \vdash | \vdash | Н |
| | 32 33 | П | | | | | | | _ | Н |
| | 34 | П | | | | \vdash | \vdash | | | П |
| | 35 | | | | | | | | | П |
| | 36 | | | | | Г | | | | |
| | 37 | | | | | | | | | |
| | 38 | Ш | | | | 匚 | | | | |
| | 39 | Ш | | | 匚 | | | | | |
| | 40 | Ш | | | _ | <u> </u> | <u> </u> | | | Ш |
| | 41 | | _ | | | <u> </u> | <u> </u> | | <u> </u> | Ш |
| | 42 | \sqcup | _ | | | | Ш | | <u> </u> | Щ |
| | 43 | \sqcup | | _ | L | <u> </u> | oxdot | _ | _ | Ш |
| l | 44 | | _ | | <u>. </u> | <u> </u> | Щ | | | Ш |
| | 45 | \dashv | 4 | | | | | | - | Щ |
| | 46 | | _ | | | \vdash | <u> </u> | | L | Н |
| \dashv | 47 | | | _ | | Н | Щ | | | Щ |
| | 48 | - | _ | | | Ш | \vdash | | | Н |
| | 49 50 | \dashv | - | - | | $\vdash\vdash$ | Н | | | \dashv |
| 1 | 50 l | - 1 | - 1 | | | | 1 | | | |

| Cla | Т | Date | | | | | | | | | | |
|-------|----------|--------|----------|----------|----------|----------|----------|--------|----------|--|--|--|
| -016 | | + | Date | | | | | | | | | |
| Final | Original | | | | | | | | | | | |
| | 51 52 | \top | | \top | \top | | | 1 | T | T | | |
| | 52 | Τ | Τ | | T | | | 1 | T | \top | | |
| | 53 | | | | | 1 | T | | | T | | |
| | 54 55 | | 1 | | | Τ | | | | | | |
| | 55 | Π | Π | Т | T | | Т | | | \top | | |
| | 56 | Τ | | | | | \vdash | | T | \top | | |
| | 57 | | | | | \top | Τ | | Ť | T | | |
| | 58 | T . | | 1 | | T | Т | T | | 1 | | |
| | 59 | | | \vdash | 1 | T | | 1 | Τ- | 1 | | |
| | 60 | | | Τ- | | Ì | | | | T | | |
| | 61 | П | | Τ | | | 1 | 1 | Ī | \top | | |
| | 62 | | | | | | | _ | T | T | | |
| | 62 63 | Г | Τ | | | | | 1 | Π | T | | |
| | 64 | | | П | | | | | Т | | | |
| | 65 | | | 1 | | T | | | \vdash | | | |
| | 66 | | | | Г | Г | | Г | T | T | | |
| | 67 | | | 1 | | | | T | Т | T | | |
| | 68 | T- | T | 1 | | | T | 1 | | T | | |
| | 69 | | | | | | | 1 | T | \vdash | | |
| | 70 | П | | Т | 1 | 1 | | | | ┢ | | |
| | 71 | T | | | \vdash | | | | | | | |
| | 72 | | | | T | † | | | l | \vdash | | |
| | 73 | Г | \vdash | ⇈ | t | T | t | 1 | _ | T | | |
| | 74 | | | T. | \vdash | \vdash | | T | T | \vdash | | |
| | 75 | | | m | | 1 | T | | T | T | | |
| | 76 | | | | | | | | | | | |
| | 77 | | | ı | | T | | 1 | | \top | | |
| | 78 | | | | | | | Π | 1 | T | | |
| | 79 | | Г | Ì | | | | | | | | |
| | 80 | П | | | | | | | İ | | | |
| | 81 | | | | | | | | Г | Τ | | |
| | 82 | | | | | | | | | | | |
| | 83 | | | | | | | | _ | Г | | |
| | 84 | | ļ | Γ | Γ | П | | Г | | Г | | |
| | 85 | Ľ | | L | | | | | | | | |
| | 86 | | | | | | | | | | | |
| | 87 | | | | | | | | | | | |
| | 88 | | | | | | | | | | | |
| | 89 | | | | | L | | \Box | | | | |
| | 90 | | Ĺ | L | L | 匚 | | | 匚 | | | |
| | 91 | 匚 | | | | | | | | | | |
| | 92 | L | | 匚 | | | | L | | | | |
| | 93 | | | | | 匚 | | | | | | |
| | 94 | | | | | | | | | | | |
| | 95 | | | | | | | | | | | |
| | 96 | | | | | | | | | | | |
| | 97 | | | | | | | | | | | |
| | 98 | | | | | | | | | | | |
| | 99 | | | | | | | | | | | |
| | 100 | | | | | | | | | | | |

| Cli | Claim Date | | | | | | | | | _ |
|------------------------|--|--|--------------|--|--|--|--------------|--------------|--------------|-----------|
| | | 1 | | Ī | | Ī | | | 1 | Г |
| ē. | Original | | | | | l | 1 | 1 | | |
| Final | Ę. | İ | 1 | 1 | | | | | | |
| | | | | | l | | | | | 1 |
| | 101 | \vdash | \vdash | ╁╌ | \vdash | 1 | ╁ | | H | H |
| | 102 | | H | H | ┢ | \vdash | \vdash | ╁ | ┢ | - |
| - | 101 102 103 | H | <u> </u> | | ┢ | | \vdash | ├- | ╁ | |
| | 100 | \vdash | ╁ | - | ╁ | ⊢ | ⊢ | \vdash | ┢ | |
| | 104 105 | ├ | - | H | ┢ | ╁╌ | ┢ | ╁ | ┼ | - |
| | 106 | ├ | <u> </u> | 1 | ┝ | ┢ | ╁ | ├- | \vdash | Н |
| | 107 | ╁ | ⊢ | \vdash | ⊢ | ├- | ├ | ┢╾ | ┝ | Н |
| | 108 | | ╁╾ | | ┼ | \vdash | ├- | ├ | ├ | \vdash |
| \vdash | 109 | ├ | - | - | | ┝ | | - | - | \vdash |
| <u> </u> | 110 | ├ | - | ╁─ | | ├ | ╁ | ⊢ | ├ | \vdash |
| | 111 | ├ | ┢ | ┢ | ┝ | ├ | ├ | ├ | ⊢ | Н |
| | 110 111 112 113 | | | \vdash | ⊢ | ├ | ├— | ├— | | Н |
| - | 112 | | - | \vdash | \vdash | ├ | ├- | ├- | <u> </u> | Н |
| <u> </u> | 113 | \vdash | - | — | - | \vdash | \vdash | - | ├ | \vdash |
| <u> </u> | 114 | — | | ├- | ⊢ | <u> </u> | <u> </u> | ⊢ | ├- | - |
| | 114 115 116 | L- | | ├- | - | ├ | | | <u> </u> | Н |
| H | 116 | <u> </u> | <u> </u> | - | ⊢ | ┢ | ⊢ | - | | _ |
| | 117 | | <u> </u> | ┢ | <u> </u> | <u> </u> | L | <u> </u> | <u> </u> | Ш |
| \vdash | 118 | | _ | <u> </u> | _ | <u> </u> | <u> </u> | _ | <u> </u> | |
| | 119 | <u> </u> | \vdash | ├- | _ | <u> </u> | <u> </u> | L | ⊢ | Н |
| <u> </u> | 120 | _ | <u> </u> | _ | | <u> </u> | - | | L | Н |
| | 121 | _ | \vdash | ├ | ⊢ | L_ | - | _ | | Ш |
| \vdash | 122 | <u> </u> | <u> </u> | L | ┡ | <u> </u> | - | | <u> </u> | |
| \vdash | 123 | ļ | _ | ├ | <u> </u> | _ | <u> </u> | L. | Ь. | Ы |
| \vdash | 124 | <u> </u> | <u> </u> | <u> </u> _ | <u> </u> | _ | _ | <u> </u> | 1 | Н |
| <u> </u> | 125 | - | | _ | _ | <u> </u> | <u> </u> | ├— | <u> </u> | Н |
| | 121 122 123 124 125 126 127 128 | _ | _ | - | _ | <u> </u> | <u> </u> | | _ | Н |
| | 127 | _ | _ | - | ⊢ | | _ | _ | L | Ш |
| \vdash | 128 | - | ├ | - | L | | <u> </u> | - | _ | Щ |
| | 129 130 | | <u> </u> | | | | <u> </u> | <u> </u> | ⊢ | |
| | 130 | | <u> </u> | ! | _ | _ | L | H | <u> </u> | <u> </u> |
| | 131 | <u> </u> | <u> </u> | \vdash | <u> </u> | _ | <u> </u> | \vdash | - | Щ |
| $\vdash \vdash \vdash$ | 132 133 | - | | — | ļ | | <u> </u> | <u> </u> | ļ | Ш |
| $\vdash \vdash$ | 133 | <u> </u> | <u> </u> | <u> </u> | _ | _ | | <u> </u> | L | Щ |
| | 134 | <u> </u> | <u> </u> | <u> </u> | ⊢- | <u> </u> | | | <u> </u> | Щ |
| \vdash | 135 136 | <u> </u> | _ | <u> </u> | | <u> </u> | | <u> </u> | | \sqcup |
| igsqcup | 136 | | <u> </u> | <u> </u> | | <u> </u> | ļ | <u> </u> | <u> </u> | Щ |
| \vdash | 137 138 | | _ | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | $oxed{oxed}$ | \square |
| \longmapsto | 138 | <u> </u> | <u> </u> | | <u> </u> | _ | <u> </u> | <u> </u> | \vdash | Щ |
| \vdash | 139 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | \vdash | Щ |
| | 140 | <u> </u> | ļ | ├- | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | Щ |
| $\vdash \vdash \vdash$ | 141 | <u> </u> | ļ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Ш |
| | 142 | \vdash | _ | <u> </u> | _ | | <u> </u> | <u> </u> | _ | Щ |
| \vdash | 143 | Н | | | <u> </u> | <u> </u> | \vdash | L- | \vdash | Щ |
| \sqcup | 144 | Ш | | | <u> </u> | <u> </u> | <u> </u> | | | Ш |
| ļ ļ | 145 | Щ | _ | <u> </u> | <u> </u> | _ | | <u> </u> | Щ | Щ |
| | 146 | | _ | | Ь | | <u> </u> | <u> </u> | Щ | 닏 |
| | 147 | _ | | | | Ш | | | | Ш |
| | 148 | L. | | \vdash | | Щ | <u> </u> | | Ш | Щ |
| | 149 | | | | | Ш | Ш | | Щ | |
| لــــا | 150 | | | L | | | | | | |